

5.6.3 Residential Furnace Efficiencies (percent of units shipped) (1)

Gas-Fired				Oil-Fired			
<u>AFUE Range</u>	<u>1985</u>	<u>AFUE Range</u>	<u>2003</u>	<u>AFUE Range</u>	<u>1985</u>	<u>AFUE Range</u>	<u>2003</u>
Below 65%	15%	75% to 88%	69%	Below 75%	10%	75% to 88%	100%
65% to 71%	44%	88% and Over	<u>31%</u>	75% to 80 %	56%	88% and Over	<u>0%</u>
71% to 80%	10%		100%	Over 80%	<u>35%</u>		100%
80% to 86%	19%				100%		
over 86%	<u>12%</u>						
	100%						

Average shipped in 1985 (2): 74% AFUE
 Average shipped in 1995: 84% AFUE
 Best Available in 1981: 85% AFUE
 Best Available in 2004: 97% AFUE

Average shipped in 1985 (2): 79% AFUE
 Average shipped in 1995: 81% AFUE
 Best Available in 1981: 85% AFUE
 Best Available in 2003: 86% AFUE

Note(s): 1) Federal appliance standards effective January 1, 1992 require a minimum of 78% AFUE for furnaces. 2) Includes boilers.

Source(s): GAMA's Internet Home Page for 2003 AFUE ranges; GAMA News, Feb. 24, 1987 for 1985 AFUE ranges; LBNL for average shipped AFUE; and GAMA, Consumer's Directory of Certified Efficiency Ratings, May 2004, p. 12 and 72-73 for 2004 best-available AFUEs.